

IN THE CLAIMS:

Please amend claims 1, 2, 4 and 12 as follows:

1. A method for the extraction of hydrophobic constituents from an aqueous solution, involving the steps of:

a. contacting said solution with a porous, dimensionally stable granular or powdery material, of which the pores have a size of from 0.1 to 50 μm and contain a hydrophobic substance with affinity for the hydrophobic constituents to be extracted, which granular or powdery material has a particle size of from 0.1 to 10 mm, and is wetted more readily by the hydrophobic substance immobilized in the pores than by the aqueous solution to be treated, and

b. regenerating the product of step a), essentially without the granular or powdery material being freed from the hydrophobic substance, by removal of the hydrophobic constituents.

2. A method according to claim 1, wherein steam is used in step b) to remove the hydrophobic constituents.

4. A method according to claim 1, wherein the pore size of the porous, dimensionally stable granular or powdery material is from 0.2 to 15 μm .

12. A method according to claim 1, wherein the porous material was obtained by dissolving a polymer in a solvent with heating, cooling the solution, and mechanically reducing the solidified mass.